

# DATA TRANSMITTER, METHOD THEREFOR, RECORDER AND RECORDING AND REPRODUCING DEVICE

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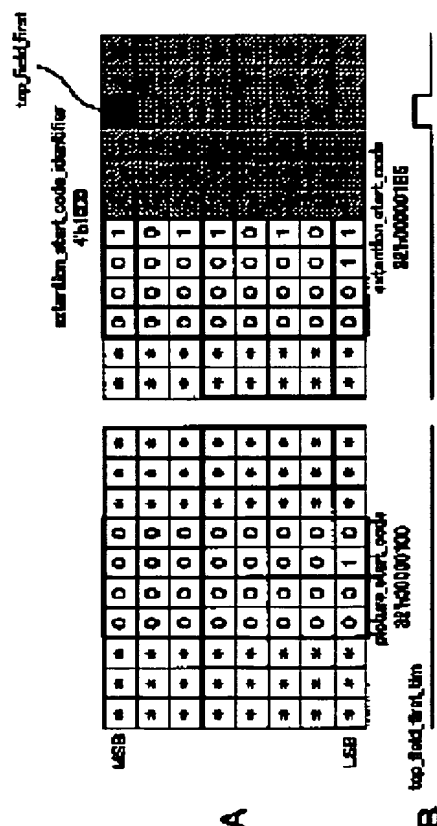
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## Abstract of JP2000312341

PROBLEM TO BE SOLVED: To attain reverse reproduction of transmitted video data normally in the case that compression-coded video data are reverse-reproduced and transmitted without decoding the data.

SOLUTION: Video data that are compression-coded based on the MPEG2 standard are transmitted as they are and recorded. When the data are reverse-reproduced, a value of a flag TFF(top-field-first) indicating a field outputted first from an MPEG decoder in a header for each frame is inverted. '1' of the flag TFF indicates a top field of a first output and '0' depicts a bottom field of it. For example, in the case of data that are not decoded and reverse-reproduced are recorded, the flag TFF having been set to '0' at the recording is inverted into '1'. In the case that the data not decoded are transmitted, an MPEG decoder at the destination controls a field display sequence according to the flag TFF. Even when compression-coded data are transmitted to other device, the transmission destination can correctly reverse-reproduces the data for each frame.



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